

Birva Chudasama

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Summary of Qualifications

Results-driven technologist with expertise in software engineering, AI/ML implementation, and data analytics. Demonstrated success developing AI applications through academic instruction and research initiatives. Seeking opportunities to leverage technical proficiency in creating innovative AI/ML solutions.

Technical Skills

Programming Languages: Python, C, C++, Java
Machine Learning & Deep Learning: Scikit-Learn, TensorFlow, PyTorch
Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn
Natural Language Processing(NLP): NLTK, SpaCy
Database Management & Cloud Platforms: MySQL, Azure (ML Studio), AWS (S3, EC2)
Visualization Tools: Power BI, Tableau

Education

Big Data analysis Georgian College – Barrie, ON	Jan 2025 – Aug 2025
Artificial Intelligence and Design Implementation Georgian College – Barrie, ON CGPA: 3.43	May 2024 – Dec 2024
Bachelor of Engineering in Information and Technology Gujarat Technological University – Gujarat, India CGPA: 3.27	Sep 2014 – Jun 2018

Academic Project Experience

Android Based Mathematical Calculation Application

Executed a major Algebraic equation calculation project for the Primary School students and developed the following skills:

- Developed research objectives and methodologies to calculate equations in application.
- Managed project successfully while maintaining effective output for intended users.
- Created user friendly frontend design for application.

Qualitative data Analysis Software - Georgian college institute research project

Created software to automate key theme extraction and sentiment analysis from responses.

- Implemented NLP pipeline to classify and analyze sentiment .
- created user centric design.

Work Experience

Assistant Lecturer Balasinor College of Polytechnic – Gujarat, India	Apr 2020 – Dec 2023
<ul style="list-style-type: none">• Wielded digital advancements and technology to boost comprehensive education.• Promoted critical thinking, personal development and commitment with customized assignments.	

Internship Zitech Solution – Gujarat, India	Oct 2018 -Nov 2019
<ul style="list-style-type: none">• Observed and shadowed professionals to obtain more information and skills.• Accomplished goals through hard work and dedication to meet team needs.	